	Title	Current OR	Current XRef
1	Marking and determining distortion in an image	382/100	358/3.28; 380/252; 380/287; 380/54; 382/232
2	Quality based image compression	382/239	358/426.04; 382/240
3	Contrast sensitive variance based adaptive block size DCT image compression	382/239	358/426.01; 382/240
4	System and method for imprinting and reading a sound message on a greeting card	358/1.9	358/452; 358/537
5	Solid state image sensing device and image sensor using the same	250/208.1	250/226; 257/E27.134; 358/514
6	Digital watermarking using conjugate halftone screens	358/3.28	235/494; 283/113; 283/94; 358/3.19; 358/536; 380/54; 382/237
7	Secure encryption and hiding of data and messages in images	380/28	382/169
8	Invisible electronic signature	713/176	382/166; 382/232
9	Method for invisible embedded data using yellow glyphs	235/494	235/375; 235/456; 235/487
10	Image processing apparatus and method for discriminating an original having a predetermined pattern	358/448	358/296
11	Distortion resistant double-data correcting color transition barcode and method of generating and using same	235/494	235/462.04; 235/469
12	CODED ARTICLE	235/494	

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
1		Braudaway; Gordon Wesley et al.	X		X				
2		Thyagarajan; Kadayam S. et al.	X		X				
3		Thyagarajan; Kadayam et al.	X		X				
4		Soscia; Peter P.	X		X				
5		Yamakawa; Kazuaki	X		X				
6		Wang; Shen-ge	X		X				
7		Fridrich; Jiri et al.	X		X				
8		Wu; Kuang-Shyr et al.	X		X				
9		Mazaika; Paul K.	X		X				
10		Takaragi; Yoichi et al.	X		X				
11		Kaufman; Jeffrey R. et al.	X		X				
12		Wilson; Howard W.	X		X				

	Image Doc. Displayed	PT
1	US 6628802	X
2	US 6600836	X
3	US 6529634	X
4	US 6441921	X
5	US 5929432	X
6	US 5790703	X
7	US 6094483	X
8	US 6813710	X
9	US 6708894	X
10	US 6400470	X
11	US 6070805	X
12	US 3632995	X

	U	1	Document ID	Issue Date	Pages
13			US 6141441 A	20001031	44
14			US 20010040923 A1	20011115	26
15			US 6149260 A	20001121	19
16			US 6553129 B1	20030422	114
17		X	US 6652959 B2	20031125	26

		Title	Current OR	Current XRef
13		Decoding data from patterned color modulated image regions in a color image	382/166	235/494; 382/232
14		ENCODING APPARATUS	375/240.05	
15		Ink jet recording apparatus capable of printing in multiple different dot sizes	347/15	
16		Computer system linked by using information in data objects	382/100	
17		Marking particles	428/327	106/31.17; 106/31.64; 106/31.65; 106/31.75; 106/31.76; 106/31.78; 235/487; 235/494; 345/106; 345/107; 428/323; 428/402; 428/402.24; 430/108.1; 430/108.21; 430/108.22; 430/120; 430/137.14

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
13		Cass; Todd A. et al.	X		X				
14		SHIMIZU, TETSUYA et al.	X		X				
15		Minakuti; Jun	X		X				
16		Rhoads; Geoffrey	X		X				
17		Foucher; Daniel A. et al.	X						

	Image Doc. Displayed	PT
13	US 6141441	X
14	US 20010040923	X
15	US 6149260	X
16	US 6553129	X
17	US 6652959	

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US 6628802 B1      USPAT
US 6600836 B1      USPAT
US 6529634 B1      USPAT
US 6441921 B1      USPAT
US 5929432 A       USPAT
US 5790703 A       USPAT
US 6094483 A       USPAT
US 6813710 B1      USPAT
US 6708894 B2      USPAT
US 6400470 B1      USPAT
US 6070805 A       USPAT
US 3632995 A       USPAT
US 6141441 A       USPAT
US 20010040923 A1  US-PGPUB
US 6149260 A       USPAT
US 6553129 B1      USPAT
US 6652959 B2      USPAT
```

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	23246	"358"/$.ccls.	USPAT	OR	OFF	2005/04/08 11:05
L8	567	358/1.14.ccls.	USPAT	OR	OFF	2005/04/08 11:11
L10	8	358/1.14.ccls. and invisible	USPAT	OR	OFF	2005/04/08 11:15
L11	355	"358"/$.ccls. and invisible	USPAT	OR	OFF	2005/04/08 11:17
L12	204	"358"/$.ccls. and invisible and pixel	USPAT	OR	OFF	2005/04/08 11:17
L13	40	"358"/$.ccls. and invisible same pixel	USPAT	OR	OFF	2005/04/08 11:28
L14	188	(invisible same pixel) and (embedded embed)	USPAT	OR	OFF	2005/04/08 11:42
L15	598	(invisible same pixel)	USPAT	OR	OFF	2005/04/08 11:44
L16	2	(invisible same pixel) and (microdots or micro near dot)	USPAT	OR	OFF	2005/04/08 13:14
L17	292	(digital near3 image) and (invisible same pixel)	USPAT	OR	ON	2005/04/08 13:16
L18	171	(digital near3 image) and (invisible same pixel) and eye	USPAT	OR	ON	2005/04/08 13:16
L19	163	(digital near3 image) and (invisible same pixel) and eye and information	USPAT	OR	ON	2005/04/08 13:16
L20	101	(digital near3 image) and (invisible same pixel) and eye and information and recording	USPAT	OR	ON	2005/04/08 13:19
L21	14	(digital near3 image) and (invisible same pixel same eye) and information and recording	USPAT	OR	ON	2005/04/08 14:26
L22	9	("5221833" | "5245165" | "5315098" | "5486686" | "5491760" | "5696594" | "6000613" | "6076738" | "6254007").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/08 13:55
L23	18	(digital near4 image) and (invisible same pixel same eye) and information and recording	USPAT	OR	ON	2005/04/08 13:45
L24	140	(digital near4 image) and (invisible same pixel) and information and recording	USPAT	OR	ON	2005/04/08 13:46
L25	0	("6708894").URPN.	USPAT	OR	OFF	2005/04/08 13:46
L26	109	(digital near4 image) and (invisible same pixel) and information and recording and code	USPAT	OR	ON	2005/04/08 13:49
L27	0	(digital near4 image) and (invisible same pixel) and 75um	USPAT	OR	ON	2005/04/08 13:49
L28	0	(digital near4 image) and (invisible same pixel) and 75micrometers	USPAT	OR	ON	2005/04/08 13:50
L29	64088	micrometers	USPAT	OR	ON	2005/04/08 13:50

Ref	Hits	Search Query	Database	Op	Plurals	Timestamp
L30	22307	um	USPAT	OR	ON	2005/04/08 13:51
L31	272	um same pixel	USPAT	OR	ON	2005/04/08 13:51
L32	0	um same (pixel with invisible)	USPAT	OR	ON	2005/04/08 13:52
L33	353	(pixel with invisible)	USPAT	OR	ON	2005/04/08 13:52
L34	19	(pixel with invisible) and watermark?	USPAT	OR	ON	2005/04/08 13:54
L35	6	(pixel with invisible) and watermark? and paper	USPAT	OR	ON	2005/04/08 13:54
L36	3	(digital near3 image) and (invisible same pixel same eye) and glyph	USPAT	OR	ON	2005/04/08 14:00
L37	24	(digital near3 image) and paper and (invisible near5 eye) and (print same density)	USPAT	OR	ON	2005/04/08 14:12
L38	21	(digital near3 image) and paper and (invisible near5 eye) and (print same density) and pixel	USPAT	OR	ON	2005/04/08 14:12
L39	24	(print or printing or prints) same (invisible near3 (pixel or pel))	USPAT	OR	ON	2005/04/08 14:13
L40	23	(print or printing or prints) same (invisible near3 (pixel or pel)) and information	USPAT	OR	ON	2005/04/08 14:18
L41	0	235/494.000	USPAT	OR	ON	2005/04/08 14:18
L42	0	235/494.000.ccls.	USPAT	OR	ON	2005/04/08 14:18
L43	794	235/494.ccls.	USPAT	OR	OFF	2005/04/08 14:19
L44	84	235/494.ccls. and invisible	USPAT	OR	OFF	2005/04/08 14:19
L45	24	235/494.ccls. and invisible and grid	USPAT	OR	ON	2005/04/08 14:19
L46	23	(digital near3 image) and (invisible same pixel same eye) and information and recording	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/08 14:33
L47	64	invisible with pixel with information	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/08 14:34

L48	264	invisible same pixel same information	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/08 14:34
L49	193	(invisible same pixel same information) and (digital and image)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/08 14:35
L50	3	(invisible same pixel same information) and (digital near3 image) and (print near2 density)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/08 14:41
L51	2238	pixel and density and invisible	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/08 14:42
L52	10	pixel near5 density near5 invisible	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/08 14:43
L53	0	pixles and (significant near3 block) and (recording near3 unit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/08 14:44

L56	831	pixel and (significant near3 block)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/08 14:45
L57	68	pixel and (significant near3 block) and (recording near3 unit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/08 14:46
L58	60	pixel and (significant near3 block) and (recording near3 unit) and (digital near3 image)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/08 14:51
L59	5	(pixel and (significant near3 block) and (recording near3 unit) and (digital near3 image)) not video	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/08 15:03
L60	0	inpercievable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/08 15:03
L61	118	imperceivable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/08 15:04

L62	35	imperceivable and pixel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/08 15:04
L63	5	imperceivable and pixel and (digital near5 image)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/08 15:04
L64	2103	(imperceivable or invisible) and pixel and (digital near5 image)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/08 15:05
L65	508	(imperceivable or invisible) and pixel and (digital near5 image) and (uv or ultraviolet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/08 15:05
L66	0	((digital near3 image) near10 paper) same (pixel with invisible or imperceivable)	USPAT	OR	OFF	2005/04/08 15:20
L67	123	((digital near3 image) near10 paper) same ((pixel or dot) invisible)	USPAT	OR	OFF	2005/04/08 15:38
L68	8349	invisible and pattern	USPAT	OR	OFF	2005/04/08 15:39
L69	990	(invisible and pattern) and "358"/$	USPAT	OR	OFF	2005/04/08 15:40
L70	573	(invisible and pattern) and "358"/$ and pixel	USPAT	OR	OFF	2005/04/08 15:40
L71	573	(invisible or ("not" adj visible)) and pattern and "358"/$ and pixel	USPAT	OR	OFF	2005/04/08 15:43
L72	573	(invisible or ("not visible")) and pattern and "358"/$ and pixel	USPAT	OR	OFF	2005/04/08 15:43
L73	222	(invisible or ("not visible")) and pattern and "358"/$ and pixel and embedded	USPAT	OR	OFF	2005/04/08 15:44
L74	0	(invisible or ("not visible")) and pattern and "358"/$ and pixel and embedded and (print adj density)	USPAT	OR	OFF	2005/04/08 15:44

L75	0	(invisible or ("not visible")) and pattern and "358"/$ and pixel and embedded	USPAT	OR	OFF	2005/04/08 15:44
L76	13	(invisible or ("not visible")) and pattern and "358"/$ and pixel and (print near3 density)	USPAT	OR	OFF	2005/04/08 15:46
L77	47	(invisible or ("not visible") or microscop$3) and pattern and "358"/$ and pixel	USPAT	OR	OFF	2005/04/08 15:49
L78	47	(invisible or ("not visible") or microscop$3 or "not perceive" or "not percievable") and pattern and "358"/$ and pixel and (print near3 density)	USPAT	OR	OFF	2005/04/08 15:55
L79	55	(invisible or ("not visible") or microscop$3 or "not perceive" or "not percievable") and pattern and "358"/$ and (pixel or dot) and (print near3 density)	USPAT	OR	OFF	2005/04/08 16:00
L80	60	(invisible or ("not visible") or microscop$3 or "not perceive" or "not percievable") and pattern and "358"/$ and (pixel or dot) and (print near3 density)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/08 16:03
L81	13881	ultraviolet and pixel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/08 16:03
L82	1838	ultraviolet same pixel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/08 16:03
L83	3	ultraviolet same pixel same (digital near3 image)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/08 16:04

L84	176	ultraviolet same pixel and (digital near3 image)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/08 16:05
L85	25	ultraviolet same pixel and (digital near3 image) and invisible	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/08 16:05
L86	248	(ink or toner) same pixel and (digital near3 image) and invisible	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/08 16:06
L87	7	(ink or toner) same pixel and (digital near3 image) and invisible and (print near3 density)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/08 16:07
L88	20	pixel and (digital near3 image) and invisible and (print near3 density) and paper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/08 16:07
L89	6	pixel same invisible and (digital near3 image) and (print near3 density) and paper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/08 16:08